

**From:** [Downham, Todd](#)  
**To:** [Coltrain, Katrina](#)  
**Cc:** [Turner, Philip](#); [Barry Forsythe](#); [Teri Mcmillan \(tcmillan@eaest.com\)](#); [cradu@eaest.com](#); [lvega\\_eaest.com](#)  
**Subject:** Re: Wilcox TO # 128 RI Approach  
**Date:** Tuesday, March 22, 2016 7:49:41 PM

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All,  
I've been out sick this week, but I will provide information about the wells and sampling data hopefully tomorrow.  
Thank you,  
-Todd

Sent from my iPhone

On Mar 22, 2016, at 3:02 PM, Coltrain, Katrina <coltrain.katrina@epa.gov<[<>](mailto:coltrain.katrina@epa.gov)>> wrote:

Also, to clarify the request for residents' information, we need a table matching up residential sample IDs with resident names/street addresses; any information on the well sampling that Todd may be doing would be useful. We'd like to see if he is having the residential well samples analyzed for the entire COPC suite for the site.

Katrina Higgins-Coltrain  
Remedial Project Manager  
US EPA Region 6  
LA/OK/NM Section (6SF-RL)  
1445 Ross Avenue  
Dallas, Texas 75202  
214-665-8143

From: Radu, Cristina [<mailto:cradu@eaest.com>]  
Sent: Tuesday, March 22, 2016 1:49 PM  
To: Coltrain, Katrina <coltrain.katrina@epa.gov<[<>](mailto:coltrain.katrina@epa.gov)>>  
Cc: McMillan, Teresa <tcmillan@eaest.com<[<>](mailto:tcmillan@eaest.com)>>; lvega\_eaest.com <lvega@eaest.com<[<>](mailto:lvega@eaest.com)>>  
Subject: RE: Wilcox TO # 128 RI Approach

Hello Katrina: Thank you for sending this information to the group. Please see below some additions we have made in green font for your consideration. With best regards,

Cristina Radu  
Cell: 505/681.6894

From: Coltrain, Katrina [<mailto:coltrain.katrina@epa.gov>]  
Sent: Tuesday, March 22, 2016 10:18 AM  
To: Turner, Philip; Todd Downham; Barry Forsythe  
Cc: McMillan, Teresa; Radu, Cristina; Vega, Luis  
Subject: RE: Wilcox TO # 128 RI Approach

Phil/Todd/Barry, we need some input on a few things in order to move forward with the sampling designs. Please see the questions below. Thanks

Teri/Christina, please correct any errors or add additional information.

Phil/Barry-----

1. Soil Horizons for Risk Assessment

a. The proposal is 0-1', 1-2', and 4-5' and if refusal is deeper than 5', take a sample at the bottom of the core. The samples collected from each foot will be homogenized. The sample jar will be filled from the homogenized soil—prior to each scoop the soil will be homogenized, separated into quarters, aliquots taken from each quarter, then homogenized again, separated into quarters with aliquots taken from each quarter—so on until the jar is full. Of note, the aliquots for VOC analysis will be collected prior to the sample materials being homogenized. The 3 aliquots for each sample, likely collected as 5 g in Encore samplers or similar, with no field preservation, will be collected from the interval where PID screening will indicate the highest reading; if no readings are recorded, the aliquots will be collected from the middle or bottom of the sample core.

b. Can this be used to evaluate risk? Do you see a problem with this approach?

2. Dioxans/Furans

a. These contaminants are not associated with the type of facility or waste at this site. These will not be analyzed. Do you see this as a problem? Dibenzofuran was estimated as present in several samples collected in 2015 as an analyte in the SVOC suite. The highest concentration was 0.4 mg/kg. The residential RSL for this compound is 1,300 mg/kg, several orders of magnitude higher. Would retaining the analysis by the SVOC method be acceptable?

3. Pesticides/PCBs

a. These contaminants are not associated with the type of facility or waste at this site. We did not find these in the residential soil samples collected, nor did they find PCBs in any of the prior site inspection/investigation sampling. We think that these at least need to be included as part of the process area sampling and suggest that they be sampled at 5%. Do you see this as a problem?

4. Background

a. Samples collected from 0-1 foot. The soil will be homogenized and sampled as presented under #1. Currently available data indicate a similar subsurface make-up (same type of soil) is present. We looked at 1999 report, which had borehole logs with soil description. The background values (to be calculated using the EPA-approved approach) for the 0-1 ft bgs sample interval would then be applicable to metals analysis results for all soil samples. 10 samples are proposed to be collected and the 0-1 ft bgs samples would also be analyzed for PAHs to confirm no anthropogenic influence over the area.

Todd-----

1. Residential Wells – can we get the names of the owners of the properties? They will be kept confidential and not use in the plan/report, we just need to cross-reference some information in historical documents.

a. Do you have the data in a spreadsheet that can be shared?

b. Do you have any information on the well logs/GPS/construction etc?

2. Church Well

a. Do you have any information on the well logs/construction etc? I think we asked already and did not receive anything.

3. Tank Farm Wells

a. There is one well at the northeast corner dug for residential use. Any information on it?

b. There is one well in the south central area that we think may have been a facility well but is clogged. Is this correct? Any other information?

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From: Coltrain, Katrina  
Sent: Tuesday, March 15, 2016 3:24 PM  
To: Teri Mcmillan (tmcmillan@eaest.com<<mailto:tmcmillan@eaest.com>>)  
<tmcmillan@eaest.com<<mailto:tmcmillan@eaest.com>>>; Christina Radu  
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Subject: RE: Wilcox TO # 128 RI Approach

Teri, please find attached my comments on the sampling approach. Additional comments from the others may be forthcoming.

thanks

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From: Coltrain, Katrina  
Sent: Friday, March 11, 2016 11:26 AM  
To: Todd Downham <todd.downham@deq.ok.gov<<mailto:todd.downham@deq.ok.gov>>>; Turner, Philip  
<Turner.Philip@epa.gov<<mailto:Turner.Philip@epa.gov>>>; 'Barry Forsythe'  
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Subject: FW: Wilcox TO # 128 RI Approach

Team, please find the suggested approach for moving forward. Send any comments. Once we have agreement, they will work to finalize the SAP and then we can send it out to the larger group to digest.

thanks

Katrina Higgins-Coltrain  
Remedial Project Manager  
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From: McMillan, Teresa [<mailto:tmcmillan@eaest.com>]

Sent: Friday, March 11, 2016 11:11 AM

To: Coltrain, Katrina <coltrain.katrina@epa.gov<<mailto:coltrain.katrina@epa.gov>>>

Cc: cradu@eaest.com<<mailto:cradu@eaest.com>>; lvega\_eaest.com <lvega@eaest.com<<mailto:lvega@eaest.com>>>

Subject: Wilcox TO # 128 RI Approach

Katrina,

Please find the attached RI phased approach for review. If we can get consensus on the approach to the RI then we can start refining the elements and complete the SAP.

If you have any questions please let me know.

Thanks,

Teri McMillan, PG

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